

Attorney's Docket No.: 06618-408002

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently amended) A PSSA-PVDF membrane comprising a membrane portion, having a membrane formed of PSSA and poly(vinylidene) flouride and a first ionomer, a catalyst ink, wherein the catalyst ink comprises a catalytic material and ~~poly(vinylidene flueride)~~ poly(vinylidene) flouride and a second ionomer where the first and second ionomers are formed from the same material.

2. (Previously Presented) The membrane of claim 1, wherein the catalytic material comprises Pt.

3. (Previously Presented) The membrane of claim 1, wherein the catalytic material comprises Pt and Ru.

4. (Previously Presented) The membrane of claim 1, wherein the catalyst ink further comprises an ionomer.

5. (Previously Presented) The membrane of claim 1, wherein the catalyst ink comprises a liquid copolymer of tetrafluoroethylene and perfluorovinylethersulfonic acid.

Attorney's Docket No.:06618-408002

6-11. (Cancelled)

12. (Previously Presented) The membrane of claim 1,
wherein the catalyst ink further comprises a plasticizer.

13. (Previously Presented) The membrane of claim 1,
wherein the plasticizer is a high boiling solvent.

14. (Previously Presented) The membrane of claim 13,
wherein the plasticizer is N,N dimethylacetamide.

15. (Cancelled)